

## **AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph that appears from page 30, line 18 through page 31, line 3 with the following replacement paragraph:

Diagnostic kits for carrying out the methods disclosed above are also provided by the invention. Such kits comprise at least one detectable reagent that binds to IRS-1 and/or IRS-2 when phosphorylated at Ser1101 and/or Ser1149, respectively. In a preferred embodiment, the reagent is an IRS-1/2 antibody of the invention. In one embodiment, the invention provides a kit for the detection of phosphorylated IRS-1 (Ser1101) and/or IRS-2 (Ser1149) in a biological sample comprising (a) at least one IRS-1/2 antibody of the invention (*e.g.*, a phospho-specific antibody that binds phospho-IRS-1/2 (Ser1101/Ser1149)) and (b) at least one secondary antibody conjugated to a detectable group. The reagents may also include ancillary agents such as buffering agents and protein stabilizing agents, *e.g.*, polysaccharides and the like. The diagnostic kit may further include, where necessary, other members of the signal-producing system of which system the detectable group is a member (*e.g.*, enzyme substrates), agents for reducing background interference in a test, control reagents, apparatus for conducting a test, and the like.

Please replace the paragraph that appears from page 31, lines 4-12 with the following replacement paragraph:

In another embodiment, the invention provides a kit for the detection of PKC theta activity in a biological sample comprising (a) at least one IRS-1/2 antibody of the invention (*e.g.*, a phospho-specific antibody that binds phospho-IRS-1 (Ser1101) and/or phospho-IRS-2 (Ser1149) and (b) at least one secondary antibody conjugated to a detectable group. Ancillary agents as described above may likewise be included. The test kit may be packaged in any suitable manner, typically with all elements in a single container along with a sheet of printed instructions for carrying out the test.